



# TISSUE ENGINEERING FOR INDUSTRY

3D models for Pharmacology, Toxicology, ADME

Applications in Pharmaceuticals, Cosmetics, Health & Nutrition and Chemistry

*Biocitech, Romainville Grand-Paris, Amphithéâtre Pasteur*

Thursday, October 7, 2021

Sponsors  
**EPISKIN**

8:45 *Welcome coffee*

9h15 **Welcome**

**Sylvio BENGIO**, **Adebiotech** and **Christophe DINI**, **Oroxcell**

9h30 **Keynote/Introduction**

**Francelyne MARANO**, **Francopa**

*How do new cell and tissue technologies contribute to chemical safety assessment ?*

## 10h00-13h00 Session 1 – 3D Cell models and tissue reconstruction / dermo-cosmetics

10h00 **Alain DEGUERCY**, **ADBIOL Consulting**

*Reconstructed 3D models of skin and epithelia, a myriad of possibilities to meet a wide variety of research and industrial needs*

10h20 **Jean-Claude LECRON**, **LITEC**, **Université de Poitiers**

*3D keratinocytes under cytokine fire: a complex combinatorial process*

10h40 **Q&A to speakers**

10h50-11h10 *Coffee break/Posters/Networking*

11h10 **Christian PELLEVOISIN**, **EPISKIN**

*Reconstructed human epidermis (RHE) and skin sensitization assays*

11h30 **Sébastien CADAU**, **BASF Beauty Care Solutions**

*Sophisticated skin models for demonstrated cosmetic efficacies*

11h50 **Eric ANDRES**, **Oroxcell**

*Improved topical genotoxicity assessment using micronucleus assays on 3D reconstructed Human epidermises*

12h10 **Q&A to speakers**

12h30 **Flash posters presentations: « Your poster in 180 seconds »**

13h00-14h30 *Buffet lunch / Posters / Networking*

**14h30-16h30 Session 2 – Hepatotoxicity, Intestinal models, Airways models, other approaches**

14h30 **Speaker to be confirmed , Servier**  
*A novel 3D bioprinted human liver tissue*

14h50 **Philippe DETILLEUX, Sanofi**  
*Pros and cons of different tissue models during pre-clinical safety (title to be confirmed)*

15h10 **Jan MARKUS, MatTek**  
*3D reconstructed small intestine epithelium for modeling of drug kinetics and toxicity*

15h30 **Samuel CONSTANT, Epithelix**  
*Development of in vitro immunocompetent human airway epithelial models for toxicity testing and infectious diseases research*

15h50 **Thibault HONEGGER, NETRI**  
*Organ on chip approaches for Neuroscience : Neurofluidics reconstruction of neural networks and functional markers in drug discovery »*

16h10 **Q&A to speakers**

16h30-17h00 *Coffee break/Posters/Networking*

**17h00-17h45 ROUND TABLE AND DISCUSSION**